

...FEBRUARY 2010 REGIONAL CLIMATE SUMMARY...

SUMMARY FOR THE SAN FRANCISCO BAY AREA AND MONTEREY BAY AREA...
FEBRUARY 2010 LACKED ANY NOTABLE STAND-OUT WEATHER EVENTS.
TEMPERATURES DIDN'T STRAY TOO FAR FROM NORMAL. PRECIPITATION TOTALS
WERE BELOW NORMAL ACROSS THE NORTHERN PART OF THE REGION AND A ABOVE
NORMAL ACROSS THE SOUTH. BUT IN GENERAL...RAINFALL TOTALS WERE NOT
SIGNIFICANTLY ABOVE OR BELOW WHAT IS EXPECTED FOR THE MONTH OF
FEBRUARY.

THE FIRST THREE DAYS OF THE MONTH WERE DRY...BUT AN UNSETTLED PATTERN
THEN TOOK OVER FROM THE 4TH AND CONTINUED THROUGH THE 12TH.
DURING THIS TIME PERIOD...FOUR SEPARATE RAIN EVENTS DROPPED LIGHT TO
MODERATE AMOUNTS OF RAINFALL. A RIDGE OF HIGH PRESSURE GRADUALLY
AMPLIFIED ALONG THE WEST COAST DURING THE MIDDLE PART OF THE MONTH...
DIVERTING THE STORM TRACK WELL TO THE NORTH OF CALIFORNIA. THIS
 RIDGE RESULTED IN EIGHT CONSECUTIVE DAYS OF DRY AND MILD WEATHER. WET
WEATHER RETURNED ON THE 21ST WHEN A PACIFIC WEATHER SYSTEM UNDERCUT
THE RIDGE AND MOVED INTO CENTRAL AND SOUTHERN CALIFORNIA. THE
REMAINDER OF FEBRUARY WAS RELATIVELY WET...WITH THE WETTEST
STORM MOVING THROUGH ON THE AFTERNOON AND EVENING OF THE 23RD. THAT
STORM SYSTEM DROPPED TWO TO FOUR INCHES OF RAIN IN THE COASTAL
MOUNTAINS...AND GENERALLY FROM ONE TO TWO INCHES ELSEWHERE EXCEPT
FOR THE DRIER INLAND VALLEYS WHICH PICKED UP A HALF INCH OR LESS.
RAINFALL TOTALS FOR THE MONTH RANGED FROM 70 TO 100% OF NORMAL ACROSS
THE SAN FRANCISCO BAY AREA...AND FROM 100 TO 130% OF NORMAL FROM
SANTA CRUZ COUNTY SOUTH. YEAR-TO-DATE RAINFALL TOTALS (JULY 1, 2009
TO FEBRUARY 28, 2010) RANGE FROM 90 TO 100 PERCENT OF NORMAL FOR THE
NORTHERN AND CENTRAL PART OF THE SAN FRANCISCO BAY AREA...AND FROM
110 TO 120 PERCENT FROM SANTA CLARA COUNTY SOUTHWARD. THESE TYPES OF
RAINFALL DEPARTURES ARE NOT UNEXPECTED IN AN EL NINO WINTER WHEN THE
LIKELIHOOD OF ABOVE NORMAL PRECIPITATION IS GREATER ACROSS THE
SOUTHERN PART OF THE STATE OF CALIFORNIA.

TEMPERATURE DEPARTURES FROM NORMAL DURING THE MONTH OF FEBRUARY
WERE SIMILAR TO JANUARY DEPARTURES. AVERAGE HIGH TEMPERATURES WERE A
LITTLE BELOW NORMAL AND LOW TEMPERATURES WERE ABOVE NORMAL.
OVERALL...MEAN MONTHLY TEMPERATURES ENDED UP VERY CLOSE TO NORMAL.
HIGH TEMPERATURES AT A FEW LOCATIONS ON THE 23RD WERE THE COOLEST ON
RECORD FOR THE DATE. OTHERWISE...NO DAILY RECORD TEMPERATURE RECORDS
WERE SET OR TIED DURING FEBRUARY 2010.

...FEBRUARY REGIONAL TEMPERATURE SUMMARY...

LOCATION	DEPARTURE			DEPARTURE		
	AVG HIGH	NORMAL HIGH	FROM NORMAL	AVG LOW	NORMAL LOW	FROM NORMAL
NORTH BAY...						
ANGWIN	54.1	55.3	-1.2	40.6	39.0	1.6
KENTFIELD	59.9	61.4	-1.5	45.2	42.9	2.3
NAPA	61.8	62.7	-0.9	44.0	41.9	2.1

PETALUMA	59.6	62.0	-2.4	42.7	40.7	2.0
SAINT HELENA	60.9	61.6	-0.7	44.0	39.8	4.2
SAN RAFAEL	58.0	61.1	-3.1	46.0	43.8	2.2
SANTA ROSA	61.6	62.0	-0.4	43.2	41.5	1.7
SONOMA	60.8	63.5	-2.7	41.1	39.9	1.2

SAN FRANCISCO PENINSULA...

HALF MOON BAY	60.0	59.7	0.3	45.2	44.2	1.0
PACIFICA	57.7	58.8	-1.1	M	45.8	M
PALO ALTO	59.4	61.2	-1.8	43.9	41.4	2.5
REDWOOD CITY	60.2	62.3	-2.1	44.6	42.4	2.2
SAN FRANCISCO						
AIRPORT	59.1	59.5	-0.4	48.9	45.5	3.4
SAN FRANCISCO						
DOWNTOWN	59.5	60.9	-1.4	49.5	48.5	1.0

EAST BAY...

BERKELEY	60.8	59.4	1.4	45.9	46.4	-0.5
CONCORD	61.6	61.6	0.0	46.4	44.2	2.2
FREMONT	60.9	61.5	-0.6	46.7	44.3	2.4
LIVERMORE	60.6	61.9	-1.3	43.7	40.3	3.4
MARTINEZ	60.2	61.0	-0.8	42.5	42.0	0.5
MOUNT DIABLO						
JUNCTION	53.4	57.2	-3.8	41.4	40.4	1.0
NEWARK	60.6	61.0	-0.4	47.6	45.1	2.5
OAKLAND	61.2	61.6	-0.4	48.6	47.9	0.7
RICHMOND	M	61.7	M	M	45.6	M

SOUTH BAY AND SANTA CRUZ COUNTY...

BEN LOMOND	61.9	63.7	-1.8	41.6	39.1	2.5
GILROY	61.9	63.9	-2.0	44.4	40.7	3.7
LOS GATOS	60.4	62.4	-2.0	43.3	40.8	2.5
MOUNT HAMILTON	46.9	49.6	-2.7	37.4	37.1	0.3
SAN JOSE	61.3	62.3	-1.0	46.1	44.6	1.5
SANTA CRUZ	62.0	62.7	-0.7	44.3	42.0	2.3
WATSONVILLE	62.2	62.5	-0.3	44.1	41.8	2.3

MONTEREY AND SAN BENITO COUNTIES...

BIG SUR STATION	M	60.9	M	M	44.0	M
CARMEL VALLEY	63.0	64.2	-1.2	41.9	40.2	1.7
HOLLISTER	61.6	63.1	-1.5	44.2	40.8	3.4
KING CITY	63.9	65.8	-1.9	43.6	38.9	4.7
MONTEREY	58.9	61.6	-2.7	46.1	45.0	1.1
PINNACLES NATIONAL						
MONUMENT	61.0	63.6	-2.6	37.7	35.6	2.1
SALINAS	62.9	64.2	-1.3	44.4	43.3	1.1

...FEBRUARY REGIONAL PRECIPITATION SUMMARY...

LOCATION	FEB TOTAL	AVERAGE FEB PRECIP	PERCENT OF NORMAL
NORTH BAY...			
ANGWIN	6.71	8.00	84
CALISTOGA	6.65	7.84	85
CLOVERDALE	M	7.76	M
FORT ROSS	M	6.27	M
HEALDSBURG	M	8.08	M
KENTFIELD	9.14	9.10	100
MUIR WOODS	5.60	6.89	81
NAPA	3.98	5.03	79
OCCIDENTAL	8.11	10.28	79
PETALUMA	3.73	5.27	71
SAINT HELENA	5.91	7.21	82
SAN RAFAEL	7.39	7.41	100
SANTA ROSA	4.46	5.84	76
SONOMA	3.97	6.10	65
SAN FRANCISCO PENINSULA...			
HALF MOON BAY	3.32	4.91	68
PACIFICA	5.04	5.91	85
PALO ALTO	2.51	3.29	76
REDWOOD CITY	2.88	3.88	74
SAN FRANCISCO AIRPORT	2.70	4.01	67
SAN FRANCISCO DOWNTOWN	3.42	4.00	86
WOODSIDE	M	5.93	M
EAST BAY...			
BERKELEY	3.76	4.86	77
CONCORD	2.64	4.11	64
FREMONT	1.97	3.61	55
LIVERMORE	2.36	2.73	86
MARTINEZ	2.40	3.80	63
MOUNT DIABLO JUNCTION	4.11	4.49	92
NEWARK	1.79	2.89	62
OAKLAND	3.10	4.45	70
RICHMOND	M	4.47	M
SOUTH BAY AND SANTA CRUZ COUNTY...			
BEN LOMOND	10.71	9.71	110
GILROY	2.63	3.99	66
LOS GATOS	4.30	4.77	90
MOUNT HAMILTON	4.05	4.02	101
SAN JOSE	2.12	2.84	75
SANTA CRUZ	5.78	6.15	94

WATSONVILLE	5.27	4.45	118
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MONTEREY AND SAN BENITO COUNTIES...

BIG SUR STATION	M	8.24	M
CARMEL VALLEY	3.96	2.94	135
HOLLISTER	M	2.98	M
KING CITY	2.72	2.64	103
MONTEREY	3.50	3.75	93
PINNACLES NATIONAL			
MONUMENT	4.38	3.45	127
SALINAS	3.70	2.92	127

...DAILY TEMPERATURE RECORDS FOR FEBRUARY 2010...

DATE		RECORD LOW MAXIMUM TEMP	OLD RECORD
2/23	SAN FRANCISCO AIRPORT	52	52 IN 1969
2/23	MOFFETT FIELD	53	54 IN 2001
2/23	SANTA ROSA	49	51 IN 1916

...MONTHLY RANKS FOR DOWNTOWN SAN FRANCISCO...

AVERAGE HIGH TEMPERATURE.....59.5.....59TH WARMEST OUT OF 135 YEARS
 AVERAGE LOW TEMPERATURE.....49.5.....32ND WARMEST OUT OF 135 YEARS
 MONTHLY RAINFALL.....3.42 INCHES.....74TH WETTEST OUT OF 160 YEARS

NOTE: THIS CLIMATOLOGICAL DATA IS PRELIMINARY. FOR OFFICIAL
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 CLIMATIC DATA CENTER AT 828-271-4800 OR <http://www.ncdc.noaa.gov>.
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